TWIN DRILLING CO.
Madden No. 1.

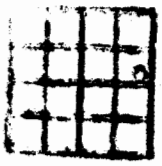
SEC. 29 T. 11 R. 17W.
SE SE NE

FEB 12 1938

Total Depth. 3548
Comm. 5-26-37 Comp. 7-17-37
Shot or Treated.
Contractor. Twin Drilling Co.
Issued. 2-12-38

County Ellis.

CASING.
53/16" 3503
4½" 3538'



Elevation.

Production. Pot. 1337 B.
5% wtr.

Figures Indicate Bottom of Formations.

NO DRILLERS LOG KEPT.

Formation Tops from Samples.

Surface casing	30
Top Cimmaron Anhydrite	1225
Top of Herrington limestone	1930
Top of Fort Riley limestone	2070
Top of Neva limestone	2405
Top of Topeka limestone	2946
Top of Lansing	3225
Top Varicolored shale conglomerate	3448
Top saturated dolomite(Arbuckle)	3502
53/16" casing cemented	3503
Total depth with Rotary	3509

Saturation at 3145 lower Topeka limestone.
at 3205 Top of Dodge limestone.
at 3255 30' in Oswald
at 3310 85' in Oswald

Drilling mud lost at 3115
3145
3203
3305

Schlumberger Electrical log indicates best possibilities
at 3080-3085
3145-3155
3199-3205
3255-3258

Standardized

Ordovician saturated dolomite, oolitic
chert caving 3509-3520
Ordovician saturated dolomite 3538
saturated dolomite free oil filled
2700' feet, swabbed 10BPH Nat. 3548 acidized 500 gal with no results.
cemented 4½ inserted liner 3538
cleaned out to bottom 3548 acidized 1000 gal.
~~Swabbed 40 bbls hr 1500' off~~
bottom 3548
Pumped Potential 1337 bbls oil and 5% wtr on July 17th.